

### **ABSTRACT**

The invention includes nucleic acids and polypeptides that play important roles in centrosomes and cellular functions involving centrosomes. In addition, the invention encompasses antibodies, ribozymes, antisense nucleic acids, RNAs, and siRNAs that can be used to modulate the function of the nucleic acids and polypeptides of the invention. Such modulation can be useful in detecting, diagnosing, and treating abnormal centrosome function.

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